



Yobe State Cholera Outbreak Situation Report

No. 33: 22nd October 2018

Yobe State Ministry of Health

Highlights:

- 15 new cases were reported on 22nd October 2018 from 4 LGAs (Gujba, Damaturu, Fune and Gulani).
- 2 additional samples were collected from Damaturu tested through cholera RDT and 2 were turn out positive.
- 0 death was reported.

Epidemiological Summary:

The total number of suspected cholera cases reported in Yobe state is 1,647 with 61 associated deaths (CFR 3.74%). In the state, up to 522 cases have been reported in Gulani LGA, 475 cases in Gujba LGA and 397 cases in Damaturu LGA. In Fune LGA, 181 cases were reported and 67 cases were reported in Potiskum LGA.

Out of 73 samples collected and tested using cholera RDTs, 58 (79.5%) were positive and 15 (21%) were negative. Again, 9 (47%) out of 19 samples cultured were positive for *Vibrio Cholerae*. However, the 9 positive samples were taken to national reference laboratory for quality checks and further analysis samples and *Vibrio Cholerae* O1 (Inaba) serotype was isolated in 4 out of the 9 samples.

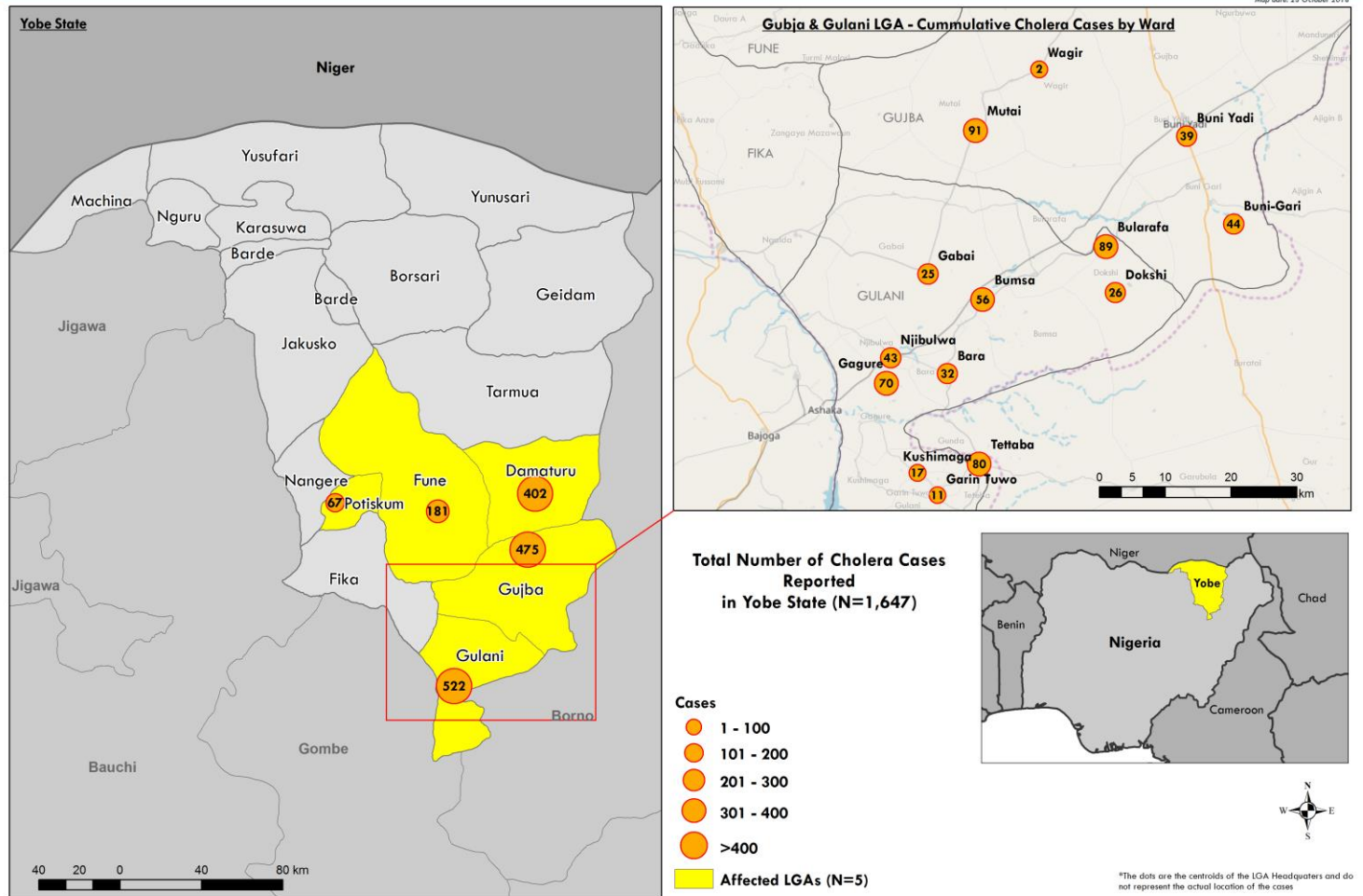
Table 1: Summaries of suspected cholera cases in Yobe State from July to 22nd October 2018.

	Gulani	Gujba	Damaturu	Fune	Potiskum	Total
Cases						
New suspected cholera cases	8	2	5	0	0	15
Cumulative suspected AWD cases	522	475	402	181	67	1647
Number of wards in the LGA	12	10	11	13	10	56
Number of wards affected	10	8	11	9	10	48
Deaths						
New deaths	0	0	0	0	0	0
Cumulative deaths	20	19	6	12	4	61
Laboratory						
Number of specimen tested (RDT)	18	12	31	12	0	73
Specimen Positive RDT	15	11	23	9	0	58
Pending result for RDT	0	0	0	0	0	0
Number of samples cultured	5	8	5	1	0	19
Specimen Positive Culture	2	4	2	1	0	9
Pending result for Culture	0	0	0	0	0	0

Fifteen (15) new suspected cholera cases reported in Yobe state on 22nd October 2018, showing a 17% decrease in the number of cases reported compared to that of the previous day (Fig. 2). Eight (8) of the new cases were reported from Gulani showing 27% decreases in number of cases reported compared to the previous day (Fig 4). Two (2) cases reported from Gujba (Fig. 6). Five (5) cases from Damaturu (Fig. 10). No case was reported from Fune (Fig 8), while Potiskum has not reported any case in over 3 weeks (Fig. 12).



Yobe State, Nigeria - Number of Cholera Cases Reported from 22nd August to 22nd October 2018



Data source:
Yobe State Ministry of Health
World Health Organization, OpenStreetMap

World Health Organization (WHO)
Map production: WHO Health Emergencies Programme

The boundaries and names shown and the designations used on this map do not imply the expression of any opinion whatsoever on the part of the World Health Organization concerning the legal status

Figure 1: Map of Yobe State showing number of suspected cholera cases in affected wards and LGAs

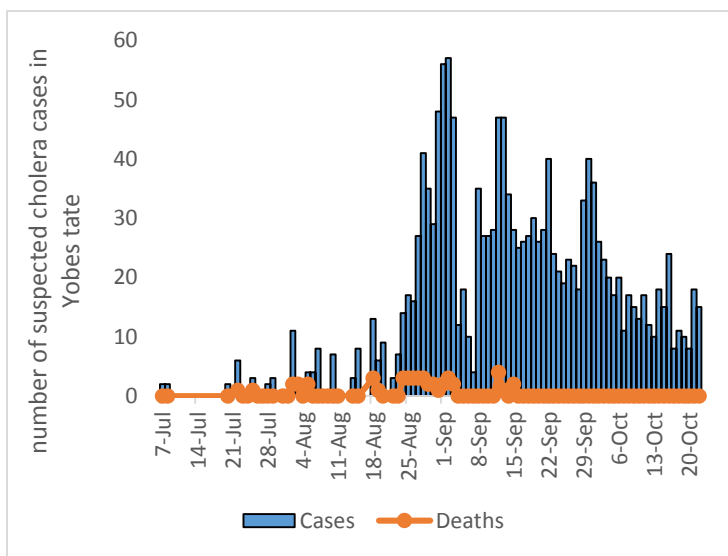


Figure 2: Epi-curve of suspected cholera cases in Yobe state.

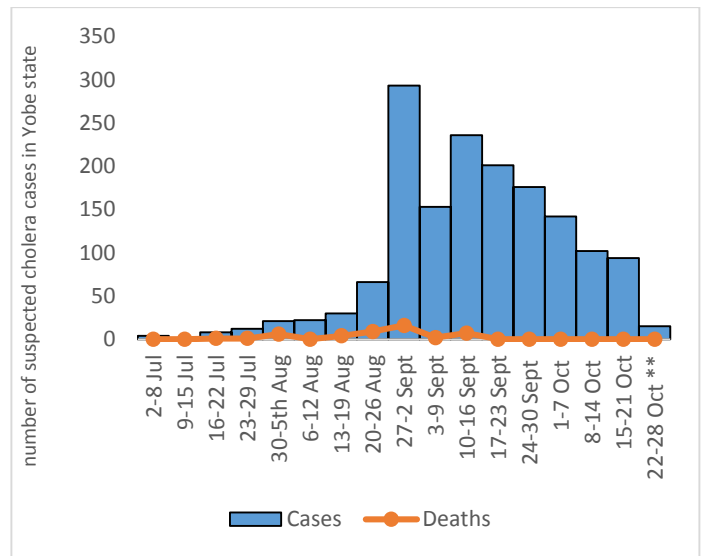


Figure 3: Epi-curve of suspected cholera cases in Yobe state.

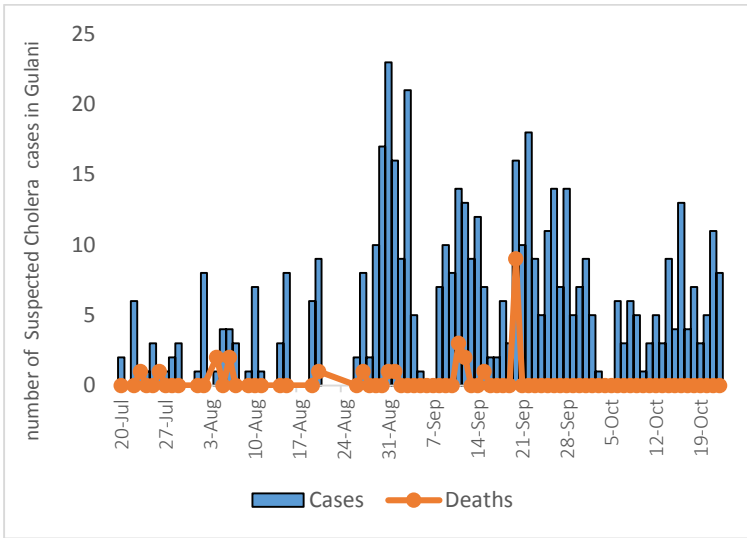


Figure 4: Epi-curve of suspected cholera cases in Gulani LGA.

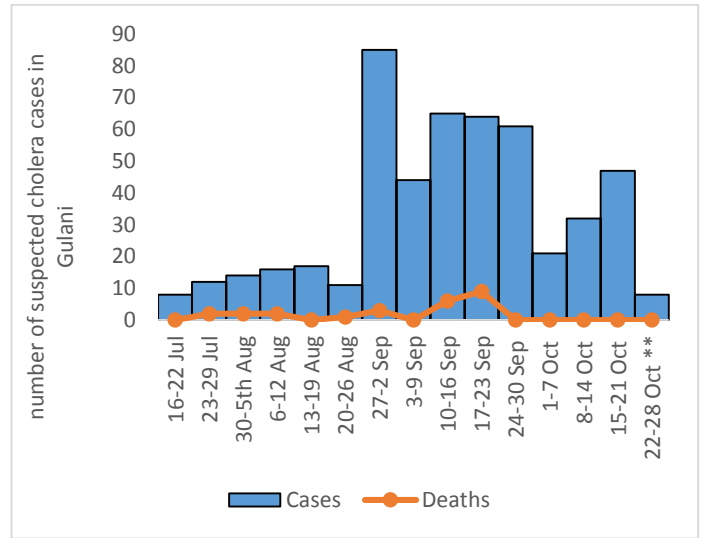


Figure 5: Weekly Epi-curve of suspected cholera cases in Gulani LGA.

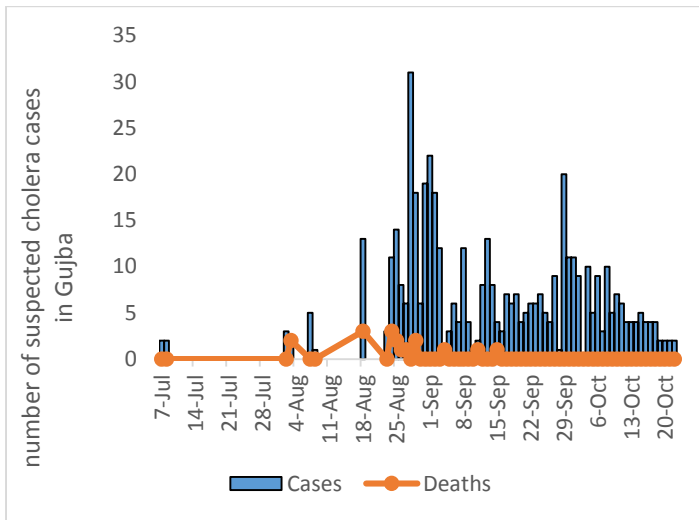


Figure 6: Epi-curve of suspected cholera cases in Gujba LGA.

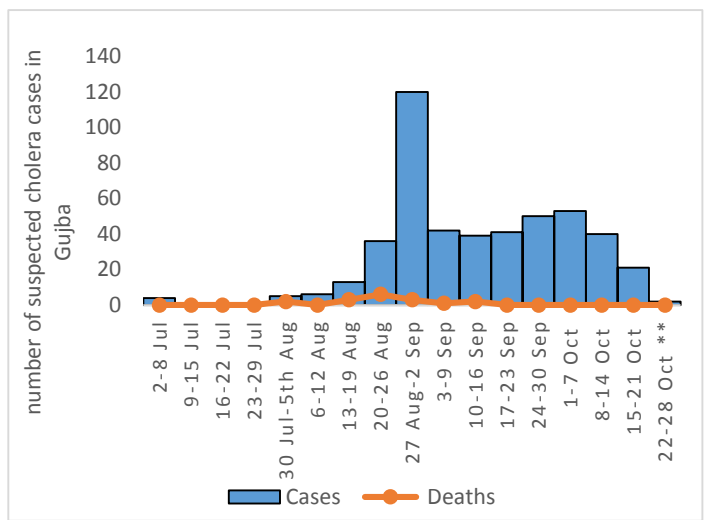


Figure 7: Weekly Epi-curve of suspected cholera cases in Gujba LGA.

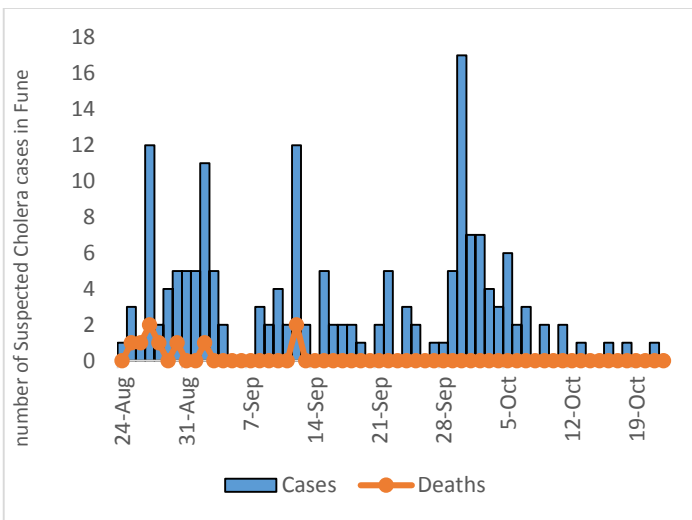


Figure 8: Epi-curve of suspected cholera cases in Fune LGA.

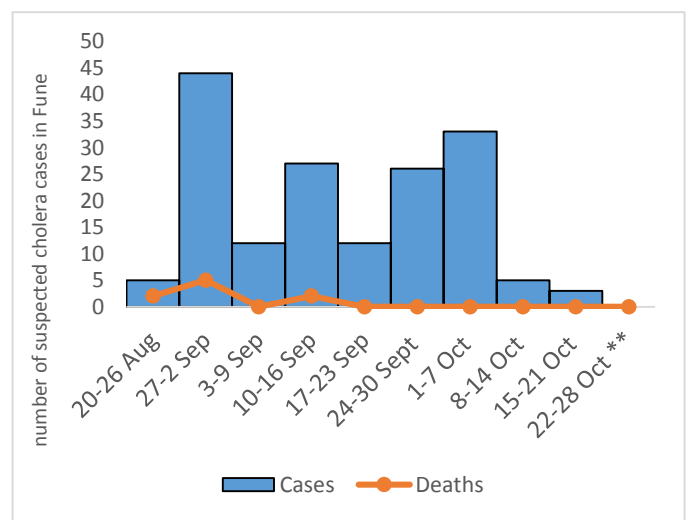


Figure 9: Weekly Epi-curve of suspected cholera cases in Fune LGA

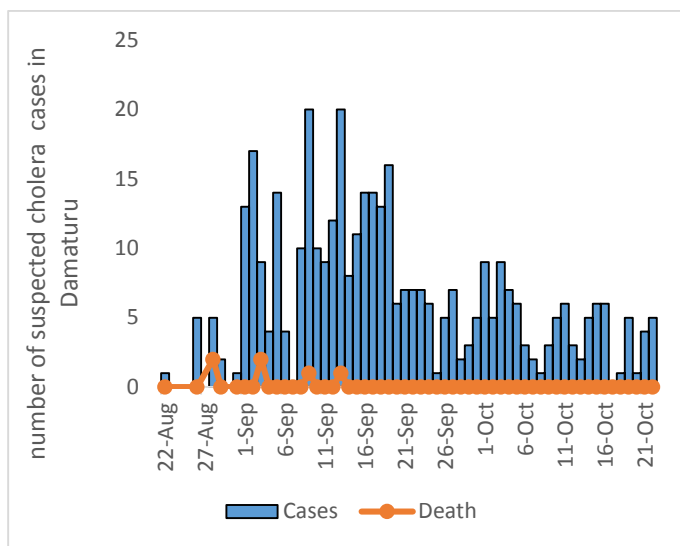


Figure 10: Epi-curve of suspected cholera cases in Damaturu LGA.

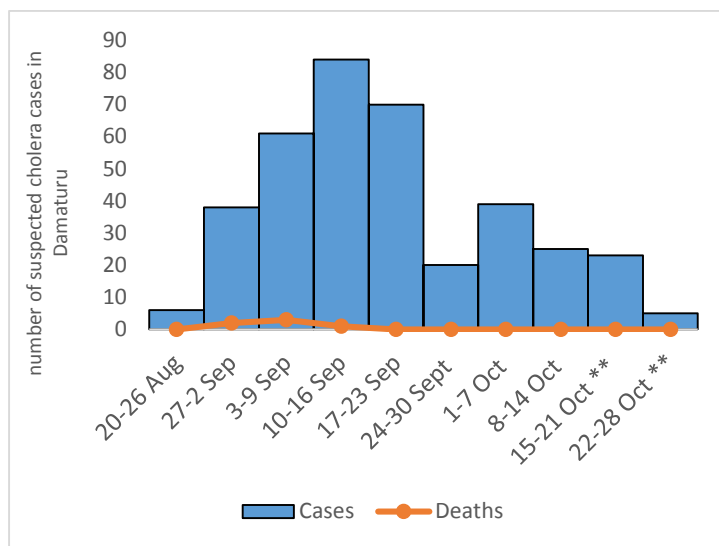


Figure 11: Weekly Epi-curve of suspected cholera cases in Damaturu LGA

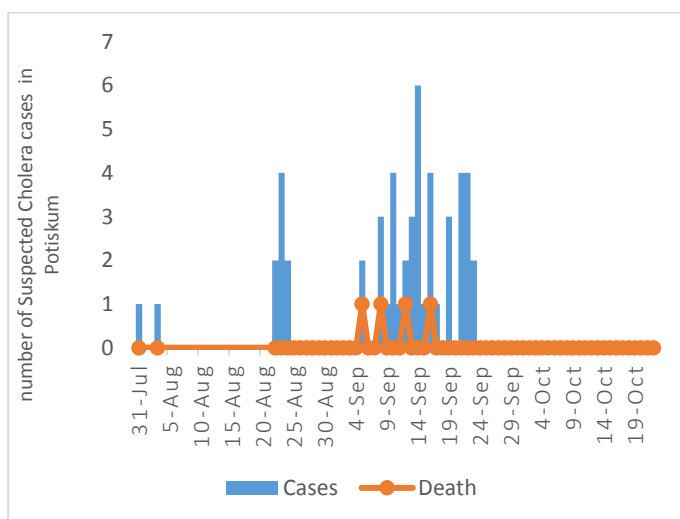


Figure 12: Epi-curve of suspected cholera cases in Potiskum.

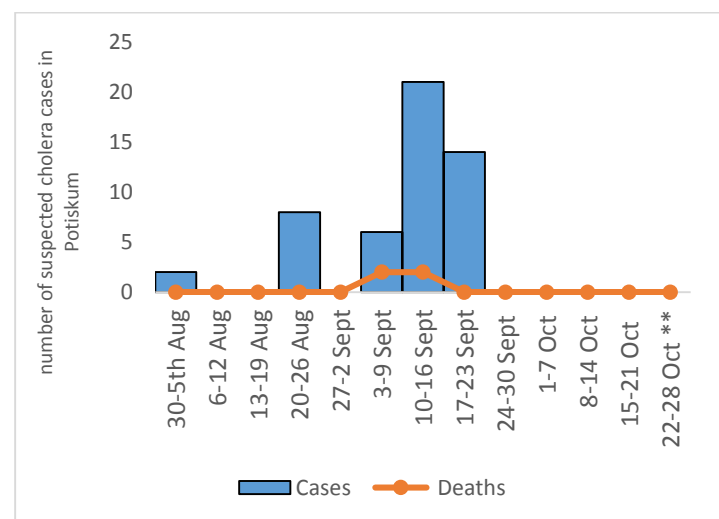


Figure 13: Weekly Epi-curve of suspected cholera cases in Potiskum.

Response Activities

Surveillance:

- Conducted investigation of new suspected cases from 4 LGAs (Gujba, Damaturu Fune, and Gulani)
- WHO supported EHAs conducted house-house active case search in Gujba, Gulani, Fune, Potiskum and Damaturu reaching up to 315 households, 9 patients were identified and referer them to ORPs.
- Priority areas have been identified and communicated to WASH and risk communication teams to scale-up interventions. In Gujba the areas are: Gotala, and Gujba. In Gulani; Gagure, Doshi, Bularafa, Gabai, and Bara. In Damaturu the areas are: Nayinawa, Bindigari Pawari and Gwange.

Case Management:

	Gulani	Gujba	Damaturu	Fune	Potiskum	Total
Admissions						
New admissions	8	2	5	0	0	15
New Discharges	10	2	5	0	0	17
On admission	11	2	5	0	0	18

- No suspected cholera case was reported in Potiskum LGA since 24th September 2018
- No mortality was reported in all affected LGAs.

Risk Communication:

- WHO and UNICEF field volunteers distributed 260 sachets of Aqua-tabs in Gulani, Damaturu and Gujba LGAs
- Airing of radio jingles by Yobe Radio Broadcasting Corporation has continued across the state
- WHO HTR teams, CORPs, and UNICEF VCMs have sensitized 2470 peoples on health and hygiene promotion in Damaturu, Gujba, Fune and Gulani LGAs

WASH:

- A team of UNICEF, AHH, MWR and RUWASA have distributing 150 NFI, these includes 20-liter Jerry cans, buckets, cups and 200G soaps in Damaturu and Fune and oriented the affected households on bucket chlorination to enable them improve personal and food/water safety.
- WHO and RUWA supported volunteers have disinfected 345 households as well as drainages in 3 settlements of Damaturu, Gujba and Gulani newly affected locations
- Continues clearing of refuse dump and drainage in Potiskum and Damaturu Central communities with the support of YOSEPA and community's volunteers.

Coordination:

- LGA RRTs in Gujba, Gulani, Damaturu and Fune LGA conducted daily local coordination meetings, and provided updates to state RRT to mobilize additional resources and technical supports
- Daily coordination meetings were consistently being chaired by SMOH at the state level to ensure robust and effective response activities.

